

Oracle® Fusion Middleware

Oracle Business Process Management

Release Notes



12c (12.2.1.3.0)

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Fusion Middleware Oracle Business Process Management Release Notes, 12c (12.2.1.3.0)

E97832-01

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Preface

This document describes the issues and workarounds related to Oracle Business Process Management like Oracle BPM Studio, Oracle BPM Composer, Oracle BPM Workspace, and Oracle Business Rules.

Audience

This document is intended for users of Oracle Business Process Management components who should be aware of any related issues.

Documentation Accessibility

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Related Documents

For more information, see the following Oracle resources:

Release Notes

Oracle® Fusion Middleware Oracle Business Process Management Release Notes

Oracle Business Process Management

See the following for more information about the Oracle BPM Suite:

- *Developing Business Processes with Oracle Business Process Composer*
- *Developing Business Processes with Oracle Business Process Management Studio*
- *Designing Business Rules with Oracle Business Process Management*
- *Rules Language Reference for Oracle Business Process Management*
- *Managing and Monitoring Processes with Oracle Business Process Management*

Oracle SOA and BPM Suite

- *Developing SOA Applications with Oracle SOA Suite*
- *Administering Oracle SOA Suite and Oracle Business Process Management Suite*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

What's New in this Release

This section introduces the new and changed features of Oracle Business Process Management components like Oracle BPM Studio, Oracle BPM Composer, Oracle BPM Workspace, Oracle Business Rules for this release and provides pointers to additional information.

1.1 New Features

There are no new features added in this release. The guide for the release contains major bug fixes.

Screens shown in this guides might differ from your implementation, depending on the skin used. Any differences are cosmetic.

2

Known Issues and Workarounds

This section discusses the known issues and workarounds for the issues in Oracle Business Process Management and its components.

2.1 Deployment of a Project with Human Task to WebLogic Server Fails

Deployment of a project with human task to WebLogic server fails with missing package name column in WFTASKMETADATA table.

Issue

Bug Number: 27400489

Impacted Releases: 12.2.1.1.0 and later releases

Impacted Platforms: All

1. Set up Oracle BPM environment using quick-start install.
2. Start JDeveloper and start integrated WebLogic server instance.
3. Deploy the project with human task.

Deployment fails with missing package name column in WFTASKMETADATA table.

Workaround

1. Set up Oracle BPM environment using quick-start install.
2. Start JDeveloper and start integrated WebLogic server instance.
3. Connect to Derby DB (DB used in SOA QuickInstaller Setup) and connect to soa-infra schema and run the following ALTER Table SQL Query to create the missing column.

```
ALTER TABLE SOAINFRA.WFTASKMETADATA ADD PACKAGENAME varchar (200 BYTE);
```

4. Deploy the project with human task.

2.2 Invalid Data Objects Appear in Database After Migration of BPM Projects from 11g to 12C

Issue

Bug Number: 23588725

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

When you migrate BPM projects from 11G to 12c, a few TRS packages do not get migrated. These TRS packages will appear as invalid data objects in the database.

Workaround

No workaround required as these unmigrated TRS packages do not cause any loss of functionality.

2.3 Approve and reject links in email notification do not work in Microsoft Outlook

Issue

Bug Number: 18858843

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

Approve and Reject links in Thai, Arabic and Korean languages do not open in email notification when you use Microsoft Outlook as email client. This is limitation of Microsoft Outlook. This happens when email body length exceeds the max limitation in Microsoft Outlook. <http://support.microsoft.com/kb/q182985>. This issue might also occur in other languages too if the task title in email subject is too long.

Workaround

Use Mozilla Thunderbird email client to open tasks with long subject line.

2.4 Safari Browser - Links tab missing and Decision Properties Overlaps with Actions

Issue

Bug Number: 21964518

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

When using Safari browser, the Advanced tab (Rules) in SOA Composer does not display the Links tab and the Decision Properties tab overlaps with Action menu.

Workaround

No workaround available

2.5 [Iphone 6 generic]- Worklist / SOA Composer - App crashes on launching

Issue

Bug Number: 21764484

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

The Worklist application crashes on launch on iPhone 6 plus while using the Safari browser.

Workaround

Upgrade to a newer IOS version (for example, 8.4.1).

2.6 Human Task form data field not editable

Issue

Bug Number: 18998302

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

In BPM Studio, human task input in a case activity becomes editable when it is selected as a user input. It is not editable when the human task input is selected as a case data type.

Workaround

No workaround available

2.7 Migration of 11g projects to 12.2.1 throws rules upgrade exception in Studio

Issue

Bug Number: 21804781

Impacted Releases: 12.2.1 and later versions

Impacted Platforms: All

Migrating a project from BPM PS6 to BPM 12.2.1 might cause an error from the Rules SDK similar to the following:

```
oracle.xml.parser.schema.XSDErrorException: /myjdev/mywork/myproject/../../../../xsd/  
BusinessCaseRuleFact.xsd (No such file or directory) at  
oracle.xml.parser.schema.XSDBuilder.build(XSDBuilder.java:621)
```

This can occur if the stored schema path is expressed relative to the rules directory, not the project directory.

Workaround

Before migrating the PS6 project, edit the problematic .rules file and replace all occurrences of '././././xsd/BusinessCaseRuleFact.xsd' with 'xsd/BusinessCaseRuleFact.xsd'. Save the .rules file. Open the BPM PS6 project in BPM Studio 12.2.1 to migrate it.

2.8 BPM Task List Contents are not Showing in Processportal (must use Oracle HTTP Server for WebCenter-BPM integration)

Issue

Bug Number: 21772408

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

If Oracle HTTP Server is not used, the integration of BPM Task information into Oracle Webcenter does not work.

Workaround

For the integration of Oracle BPM into Oracle WebCenter to work, use Oracle HTTP Server on both installations.

2.9 Readiness Check Failed for SOA Schema at Test_Required_Procedures

Issue

Bug Number: 21762288

Impacted Releases: 12.2.1 and later releases

Impacted Platforms: All

When migrating from BPM PS3 to BPM PS5 (as part of an upgrade path to BPM 12.2.1) you may receive an error that indicates 'Readiness check failed for soa schema'.

Workaround

This error message can be safely ignored. The upgrade scripts to target BPM 12.2.1 resolve the issue.

2.10 11g to 12.2.1 Upgrade gives InvalidMagicMimeTypeException: Invalid Magic Mime Entry

Issue

Bug Number: 21535358

Impacted Releases: 12.2.1 and later releases

Impacted Platforms: All

When upgrading from BPM PS6 to BPM 12.2.1, you might see an error message similar to 'eu.medsea.mimeutil.detector.InvalidMagicMimeTypeException: Invalid Magic Mime Entry' on server startup.

Workaround

This error message can be safely ignored.

2.11 Stress BPM SQ:tuning-increase AuditEventBatchSize50 from 10

Issue

Bug Number: 21444641

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

You might see an error message similar to the following indicating a long block chain at oracle.bpm.bpmn.engine.service.BPMNAuditTrail.logEvent:

```
"[ACTIVE] ExecuteThread: '223' for queue: 'weblogic.kernel.Default (self-tuning)'"
#2239 daemon prio=5 os_prio=0 tid=0x000000001d631000 nid=0x5da6 waiting for monitor
entry [0x000000005ff00000] java.lang.Thread.State: BLOCKED (on object monitor) at
oracle.bpm.bpmn.engine.service.audit.persistence.AuditKeyGenerator.nextId(AuditKeyGen
erator.java:116) - waiting to lock <0x0000000072f41ad70> (a java.lang.Object) at
oracle.bpm.bpmn.engine.service.BPMNAuditTrail.logEvent(BPMNAuditTrail.java:125)
```

Workaround

Increase the AuditEventBatchSize from 10 to 50. In Enterprise Manager, AuditEventBatchSize can be found under 'SOA Administration / BPMN Properties'.

2.12 Pending JDev Changes for Summary Field Mapping Feature

Issue

Bug Number: 17039859

Impacted Releases: All Releases

Impacted Platforms: All

When creating a summary field mapping, when the Insert Into Expression button is clicked, BPM Studio does not warn if a payload expression is not present in the xpath expression.

Workaround

No workaround available

2.13 Web Forms do not Support Digital Signatures

Issue

Bug Number: 16992692

Impacted Releases: All Releases

Impacted Platforms: All

Web forms do not support digital signatures.

Workaround

No workaround available

2.14 Future participant editing does not Work on Duplicate Participant

Issue

Bug Number: 13990543

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

When a substitution rule is used in a task, the resulting participant list might include duplicate participants that can't be edited.

Workaround

No workaround available

2.15 Facts Tab - Error 500 thrown on adding a property (Fact tab in BP Composer is now view-only)

Issue

Bug Number: 21617657

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1.0 and later releases

Impacted Platforms: All

The Facts tab in BP Composer is now view-only. Some controls to modify existing facts still appear on the GUI. Using them causes errors.

Workaround

Use BPM Studio to modify facts.

2.16 Group Still Exists After Deletion in Workspace

Issue

Bug Number: 21470654

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1. and later releases

Impacted Platforms: All

After deleting an approval group in Process Workspace, the approval group still exists.

Workaround

Repeat the deletion. The approval group is deleted on the second attempt.

2.17 JDEV-RULEEDITOR-VERBAL RULES Fact usage not honored

Issue

Bug Number: 21310445

Impacted Releases: 12.1.3, 12.2.1, 12.2.1.1 and later releases

Impacted Platforms: All

Verbal Rules will work only with auto-generated business phrases. When creating verbal rules that include other business phrases used for input/output, error messages in Studio are generated indicating that the business phrases are unreferenced, even though they have been declared. For example, you might see an error message similar to:

RUL-05163: The fact type "myFact" is not used in any ruleset called by this decision function.

RUL-05164: The fact type "myFact2" is referenced, but is not asserted nor input.

Workaround

None